

Signet

3-2750 pH/ORP Sensor Electronics Troubleshooting Guide

LED and Output Condition	Possible Causes	Suggested Solutions
Current Out: LED off, current output is 3.6 mA S³L: Temp out is +999.9	<ul style="list-style-type: none"> No electrode installed Bad/dirty contacts between electrode and 2750 	<ul style="list-style-type: none"> Install electrode Check interconnection between electrode and 2750, clean contacts
During Easy-Cal, the LED blinks rapidly for 4 seconds and the current output is frozen at a random fixed value.	<ul style="list-style-type: none"> The buffer solution is outside of the accepted tolerance for the 2750 The electrode is depleted (> 1.1 pH or 65 mV offset) 	<ul style="list-style-type: none"> pH system: Use fresh 4 pH, 7 pH, or 10 pH buffer and restart the calibration. ORP system: Use fresh 4pH and 7 pH buffer solution saturated with quinhydrone. Replace the electrode.
After completing calibration procedure, the output values are inaccurate.	<ul style="list-style-type: none"> Insufficient time allowed for electrode stabilization during calibration. 	<ul style="list-style-type: none"> Recalibrate, verify that test solutions are at room temperature and wait at least 30 seconds after placing electrode in solution before pressing S1 EasyCal button.